



COPY OF PAPERS  
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SEQUENCE LISTING

<110> Steph Kaul

Josef Preiherr (Deceased)

Ulrich Weidle

<120> A nucleic acid which is upregulated in human tumor cells, a protein encoded thereby and a process for tumor diagnosis

<130> Case 20678

<140>

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<150> EP00110953.7

<151> 2000-05-26

<150> EP00115369.1

<151> 2000-07-15

<160> 12

<170> PatentIn Ver. 2.1

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<211> 2342

<212> DNA

<213> Homo sapiens

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<221> CDS

<222> (459)..(848)

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acagtgtggg tctctgacca cccgacgagc tggaaagtgc gaccgctgac ctcccttgag 240

aacctactgg gttcttgcag taggctcctc agcgggtct aaacacgcca ctcaggtgat 300

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Leu His Arg Pro Ser Arg Arg Arg Cys Phe Gln Ala Pro Trp Thr Asp  
40 45 50

tcc ggg agg gcg gcc ttt ccc ccc agc ccc aga ggt ggg cct gcc ctt 668  
Ser Gly Arg Ala Ala Phe Pro Pro Ser Pro Arg Gly Gly Pro Ala Leu  
55 60 65 70

ttc cga gca tgg gac aca gcc cag gaa aac gca tgg ctt gtc ctc cag 716  
Phe Arg Ala Trp Asp Thr Ala Gln Glu Asn Ala Trp Leu Val Leu Gln  
75 80 85

aca cag gtg cta aca ggg ccg tca gac aag ggc cag gga ctc agg ctt 764  
Thr Gln Val Leu Thr Gly Pro Ser Asp Lys Gly Gln Gly Leu Arg Leu  
90 95 100

tta gga att tca gct cca gag cca cca tgc agt ggg acc agg ggt ctg 812  
Leu Gly Ile Ser Ala Pro Glu Pro Pro Cys Ser Gly Thr Arg Gly Leu  
105 110 115

cgt gga cag gaa gca agc tgt gta gac ggg ggt cca tgaagttagag 858  
Arg Gly Gln Glu Ala Ser Cys Val Asp Gly Gly Pro  
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<213> Homo sapiens

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35 40 45

Gln Ala Pro Trp Thr Asp Ser Gly Arg Ala Ala Phe Pro Pro Ser Pro  
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Arg Gly Gly Pro Ala Leu Phe Arg Ala Trp Asp Thr Ala Gln Glu Asn  
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Ala Trp Leu Val Leu Gln Thr Gln Val Leu Thr Gly Pro Ser Asp Lys  
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<222> (1)..(285)

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Arg Gly Val Ser Leu Gly Leu Trp Ala Glu Asn Leu Lys His Arg Ala  
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ggc acc caa gtg cag aga ctg cat cgt ccc aac agg agg cgc tgc ttc 144  
Gly Thr Gln Val Gln Arg Leu His Arg Pro Asn Arg Arg Arg Cys Phe  
35 40 45  
  
cag gct ccc tgg acg gac tcc ggg agg gcg gcc ttt ccc ccc agc ccc 192  
Gln Ala Pro Trp Thr Asp Ser Gly Arg Ala Ala Phe Pro Pro Ser Pro  
50 55 60  
  
aga ggt ggg cct gcc ctt ttc cga gcg tgg gac aca gcc cag gaa aac 240  
Arg Gly Gly Pro Ala Leu Phe Arg Ala Trp Asp Thr Ala Gln Glu Asn  
65 70 75 80  
  
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<213> Homo sapiens

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Arg Gly Val Ser Leu Gly Leu Trp Ala Glu Asn Leu Lys His Arg Ala  
20 25 30

Gly Thr Gln Val Gln Arg Leu His Arg Pro Asn Arg Arg Arg Cys Phe  
35 40 45

Gln Ala Pro Trp Thr Asp Ser Gly Arg Ala Ala Phe Pro Pro Ser Pro  
50 55 60

Arg Gly Gly Pro Ala Leu Phe Arg Ala Trp Asp Thr Ala Gln Glu Asn  
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Ala Trp Leu Val Leu Gln Thr Gln Gly Glu Phe Gly Arg Gln Asp  
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correspond to nucleotide 430 of the complete  
sequence

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<308> AQ548392

<400> 12

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tagcacc 127